

FIG. 1B

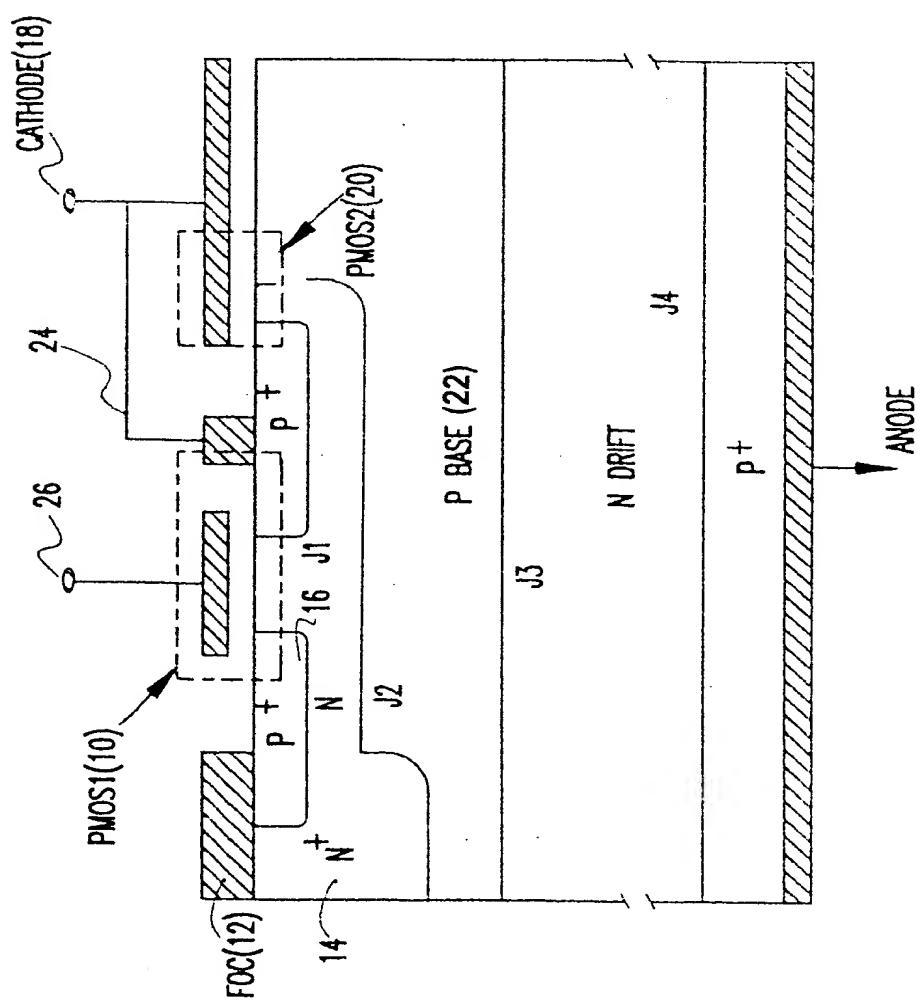


FIG. 1A



Title of the Invention: Emitter Turn-Off Thyristors (ETO)  
 Inventor's Name: Huang  
 Docket No./Application No.: 09/486,779

2/24

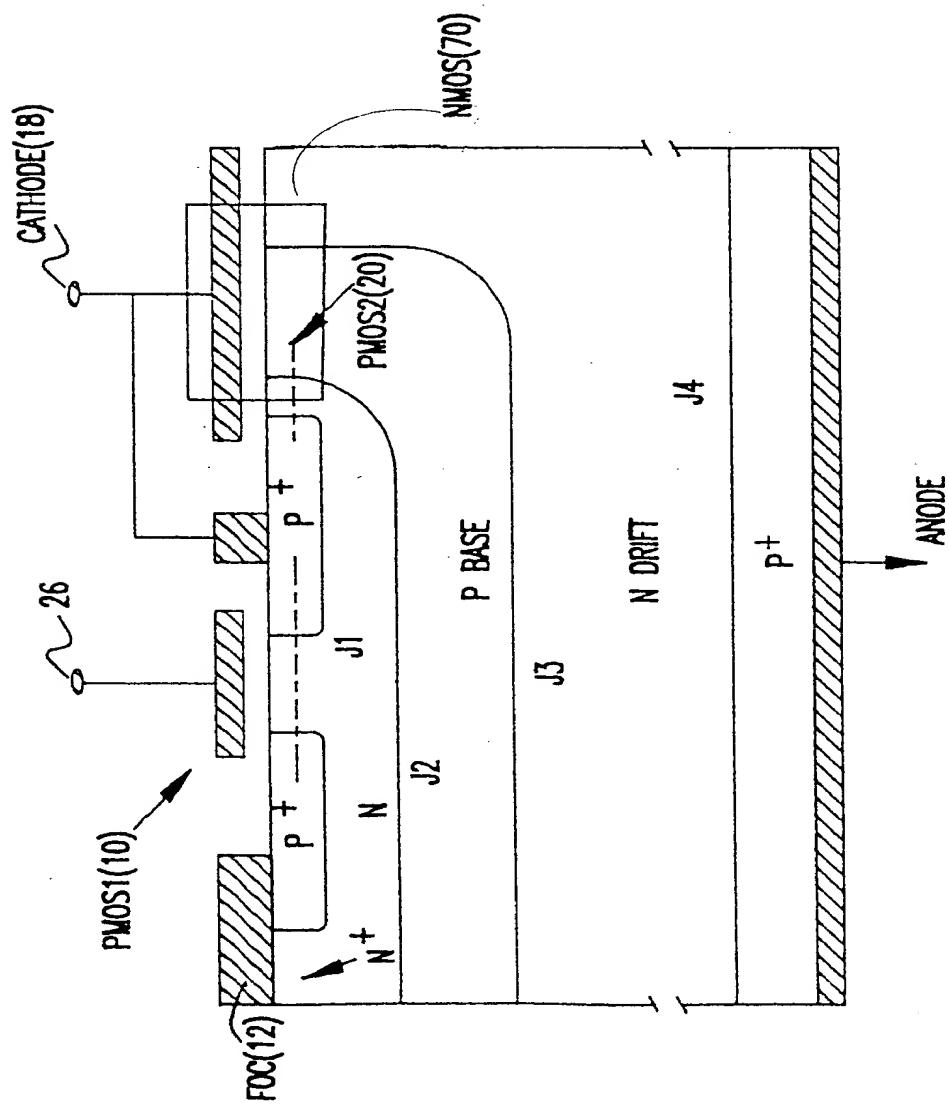
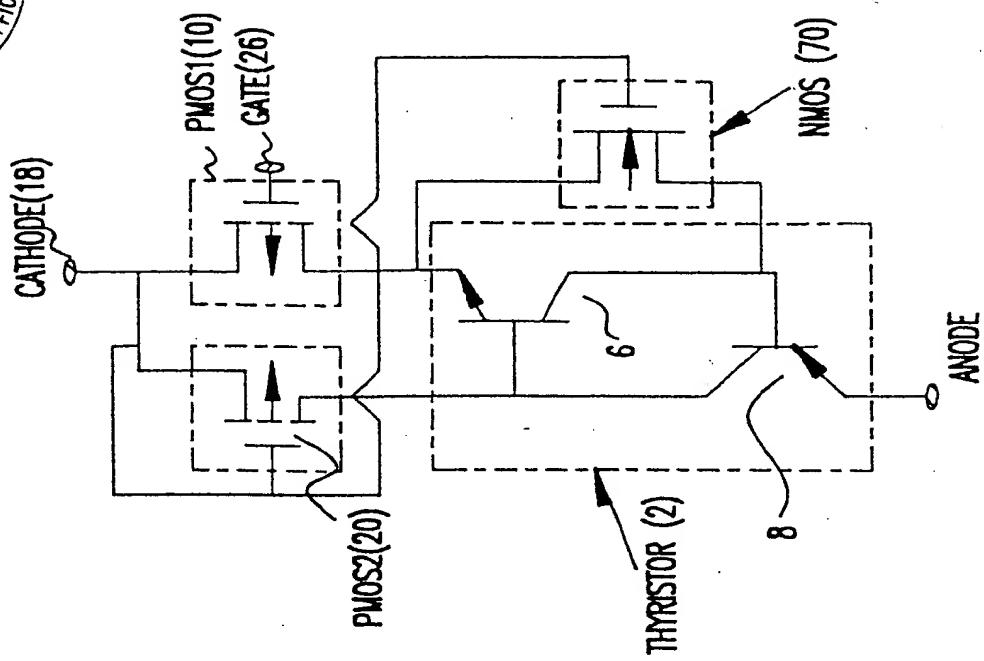


FIG. 1D

FIG. 1C



3/24

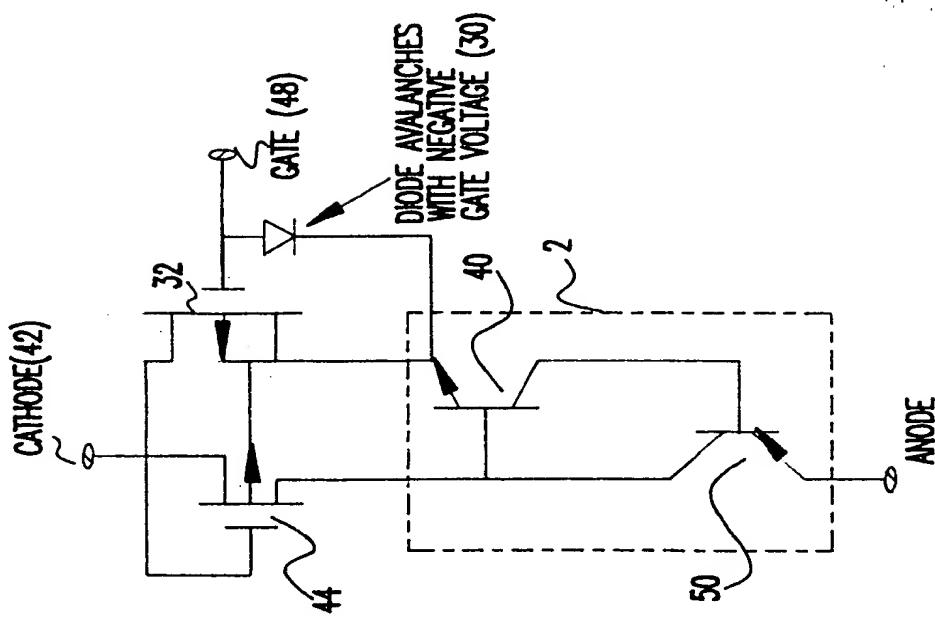


FIG.2B

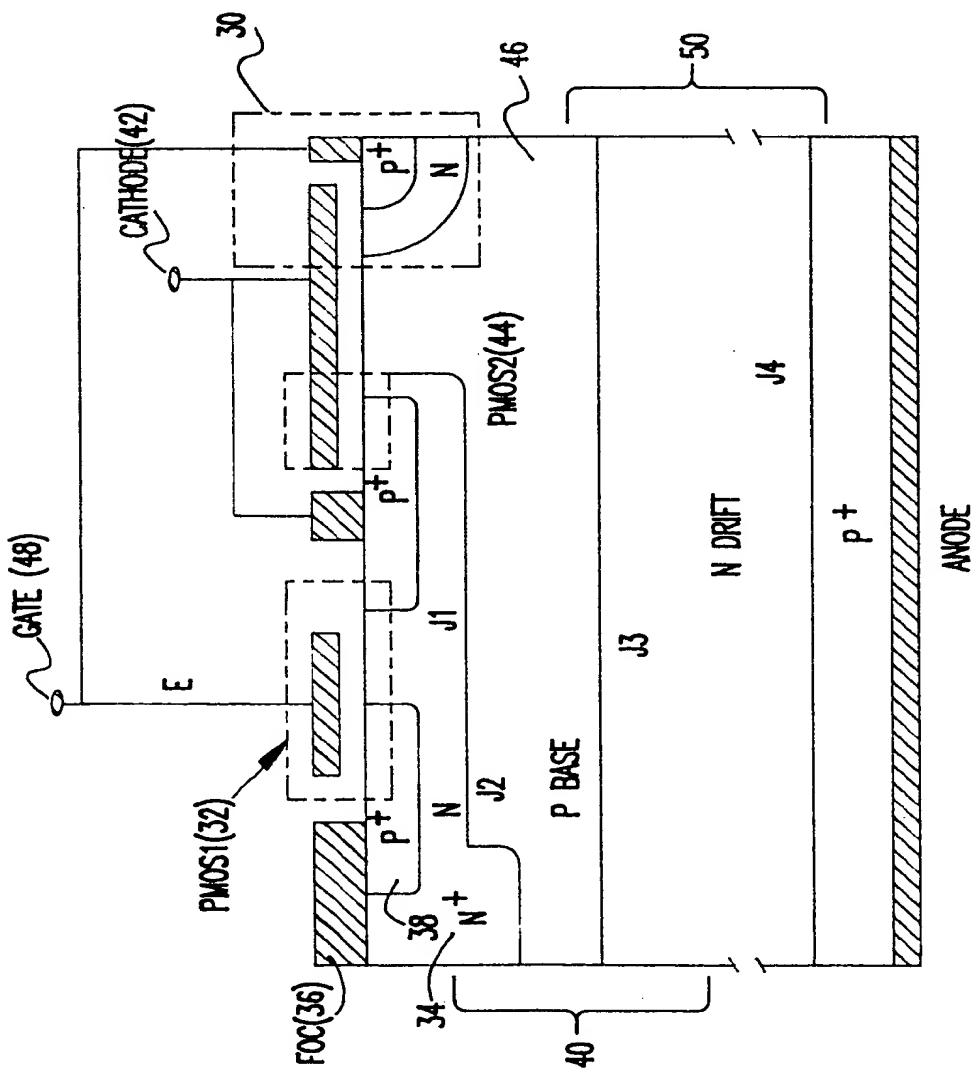


FIG.2A



4/24

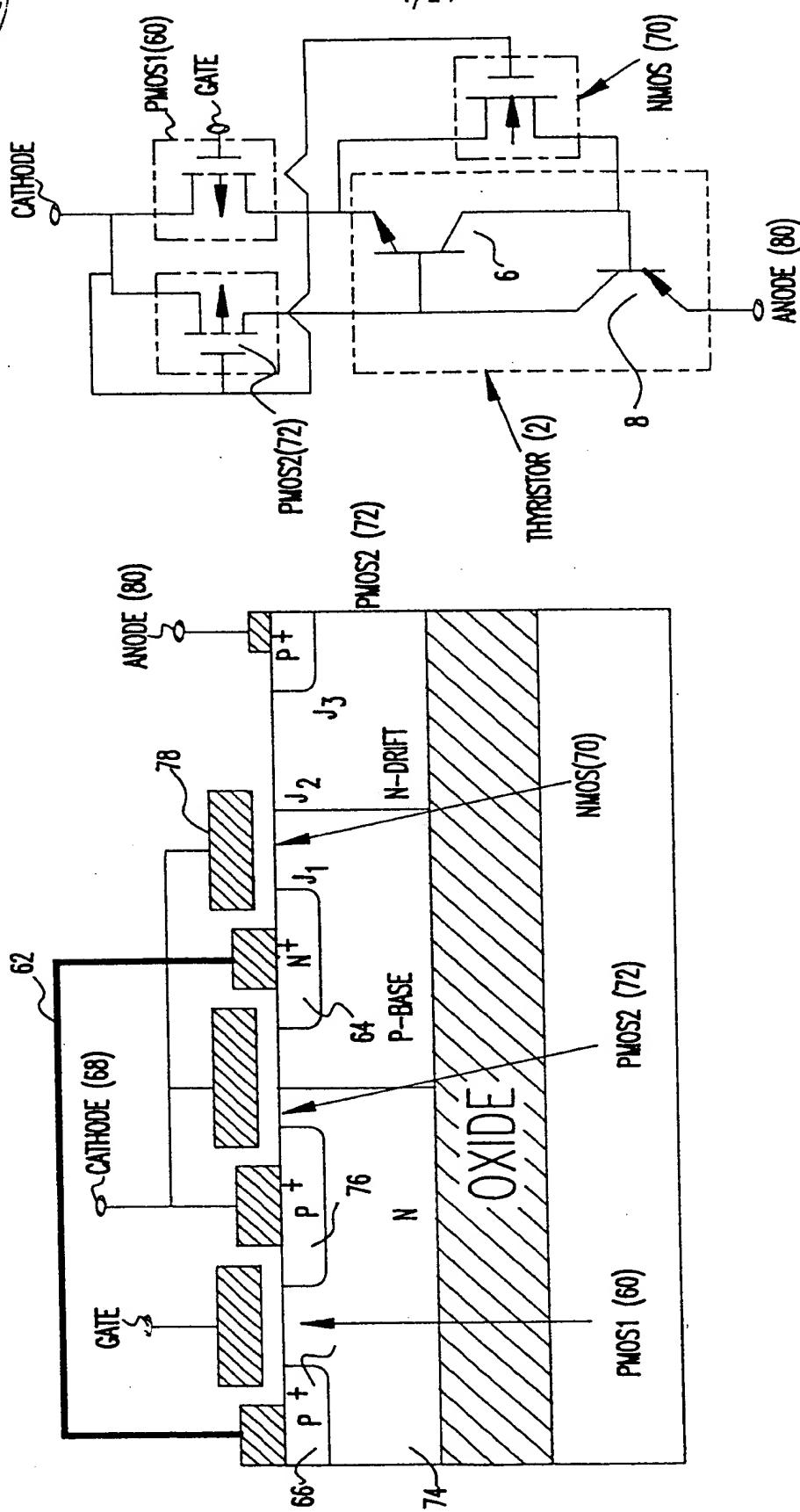


FIG. 3A

FIG. 3B

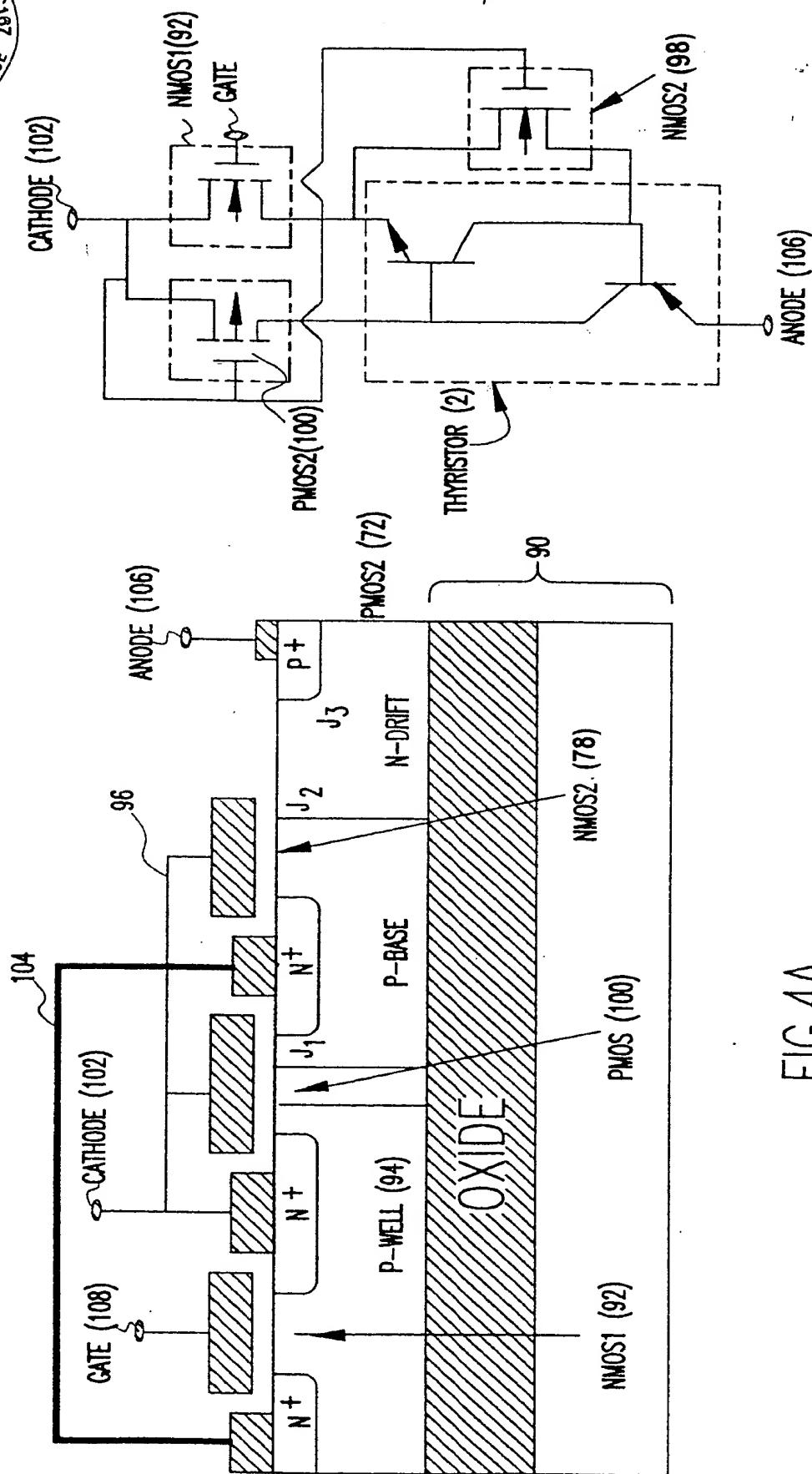


FIG. 4A

FIG. 4B

6/24

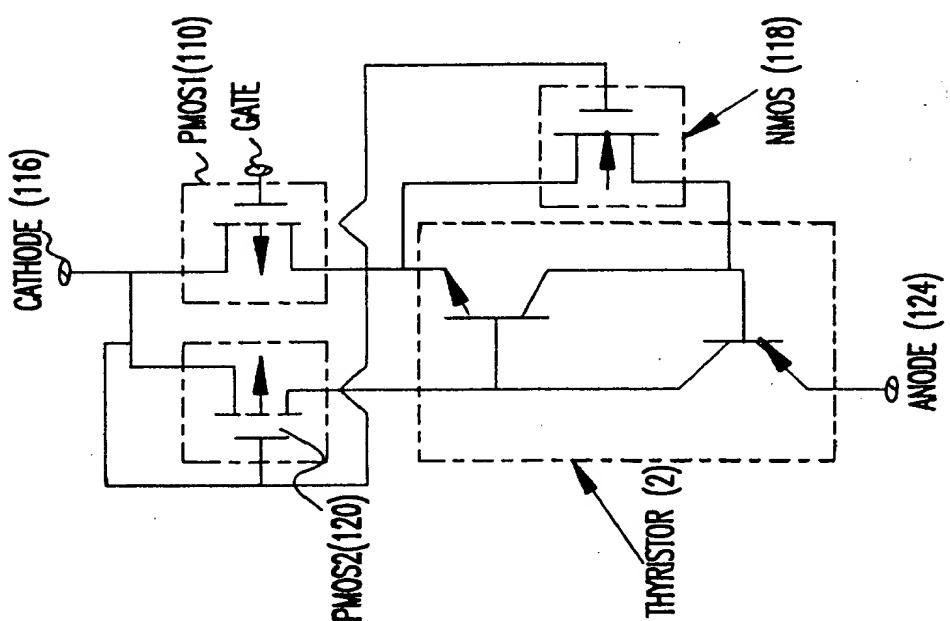


FIG. 5B

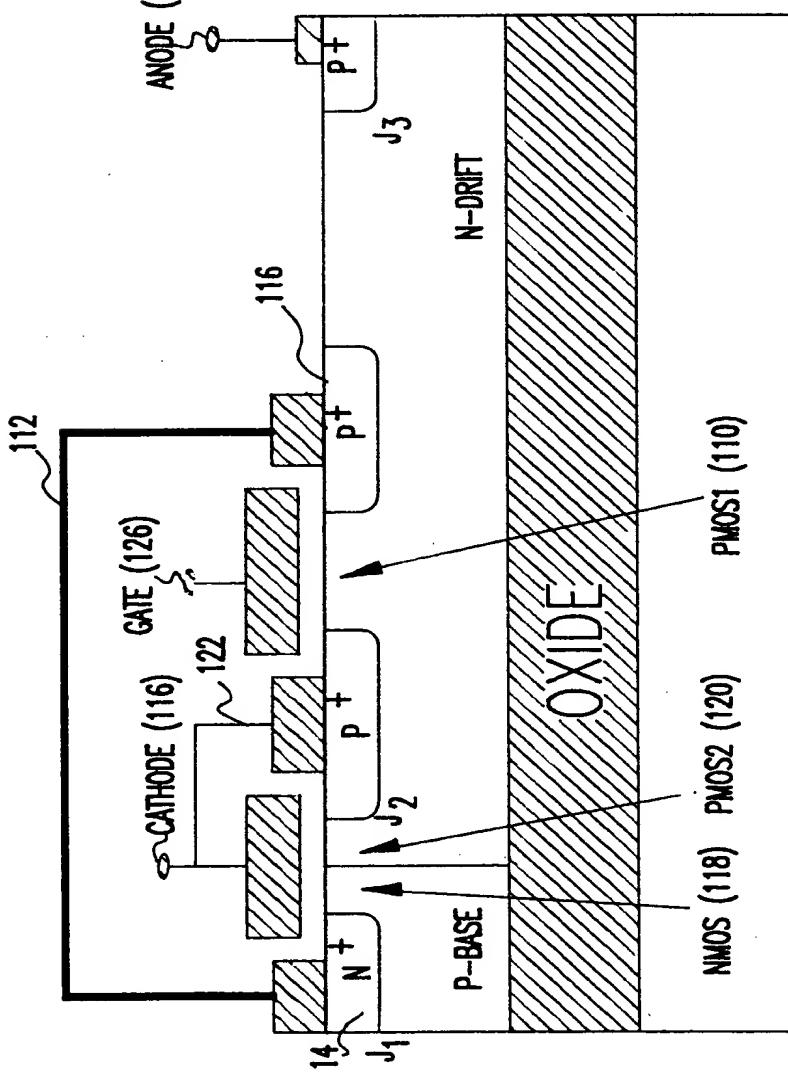


FIG. 5A



7/24

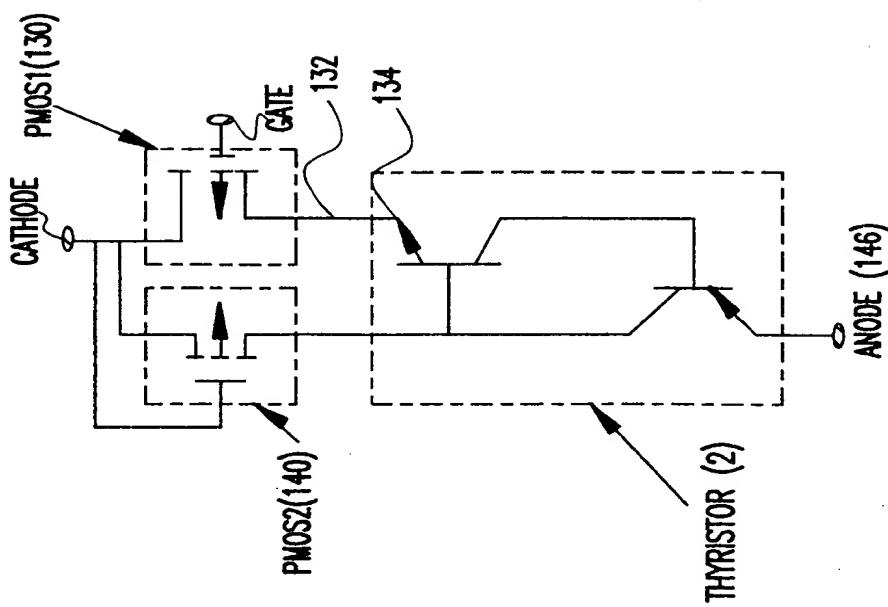


FIG. 6B

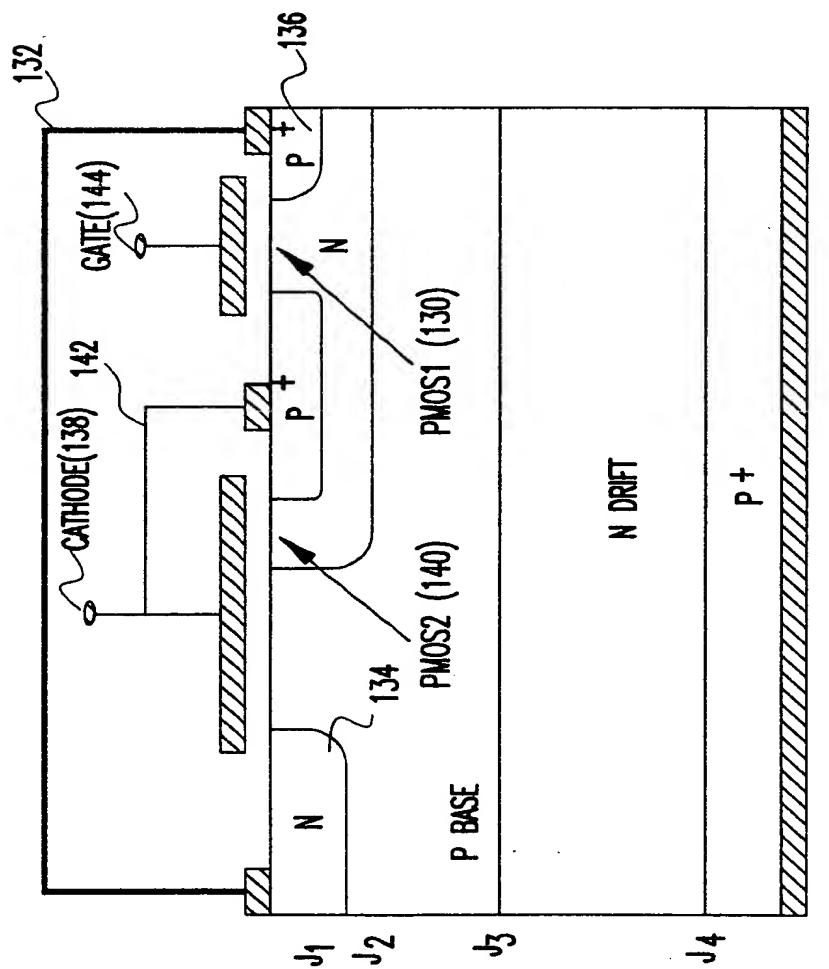


FIG. 6A

8/24

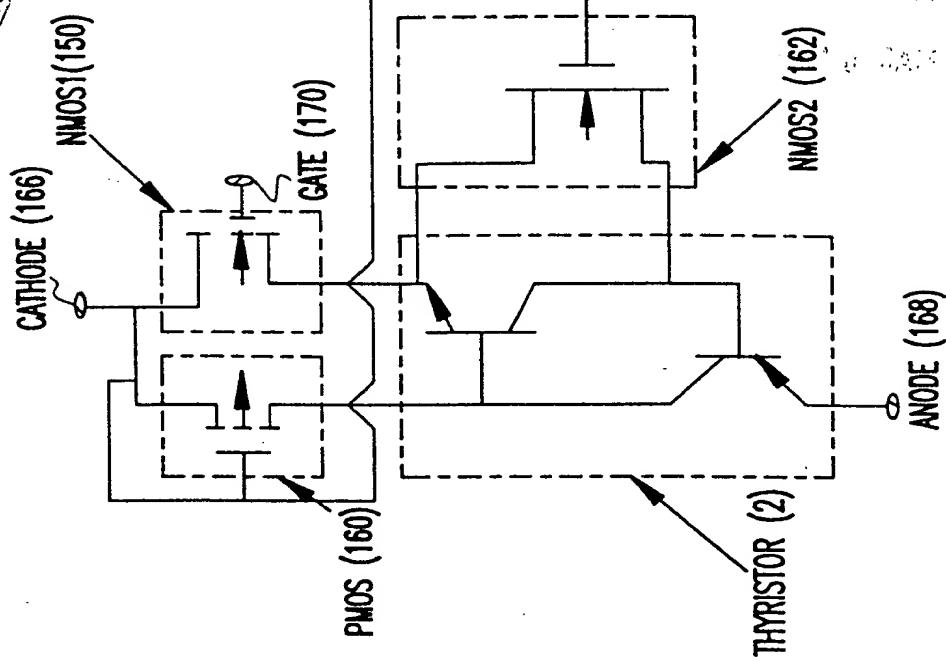


FIG. 7B

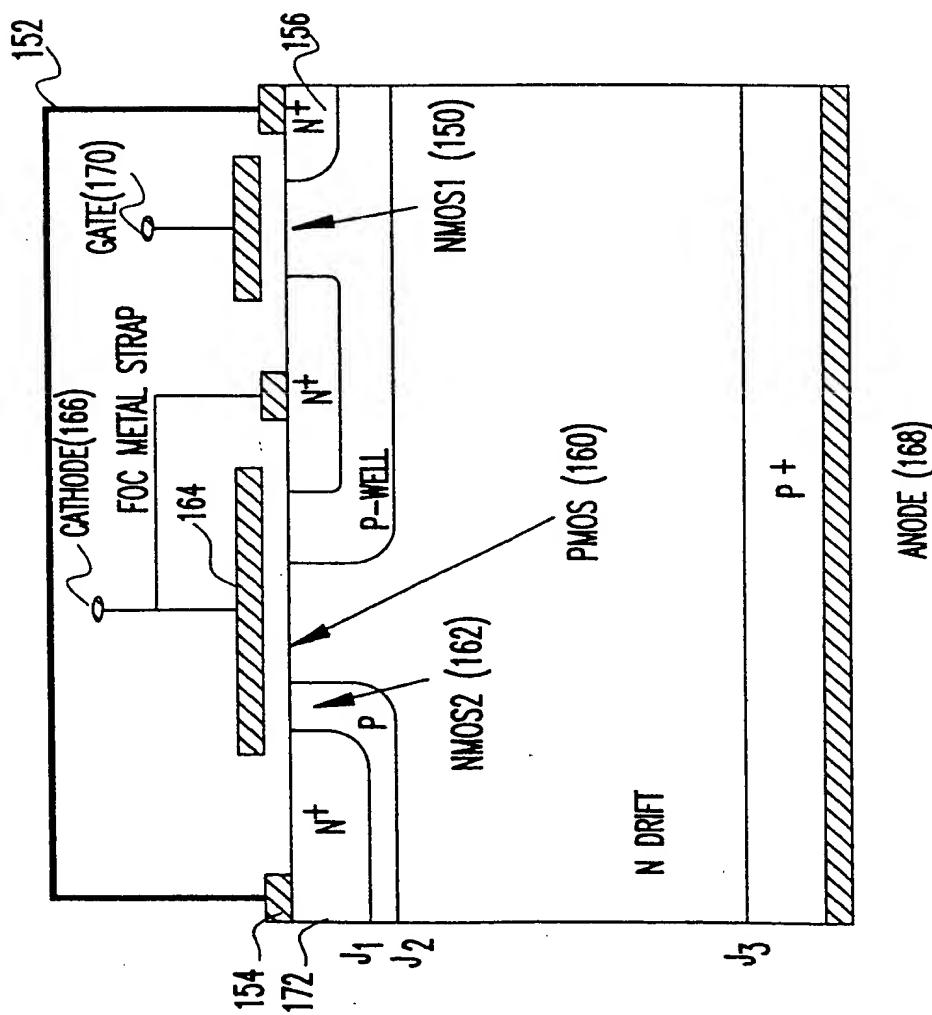


FIG. 7A

9/24

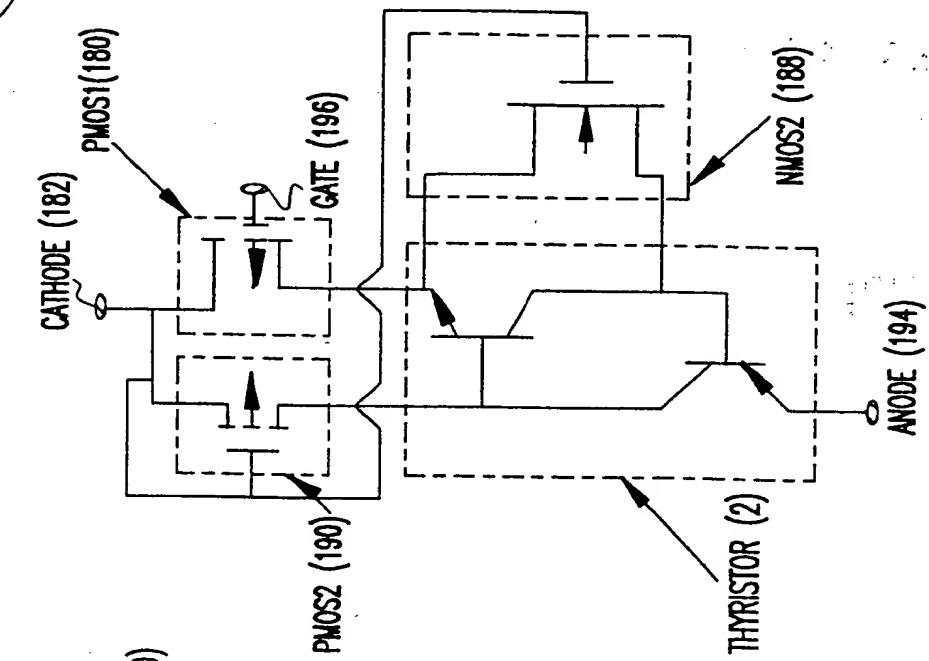


FIG. 8B

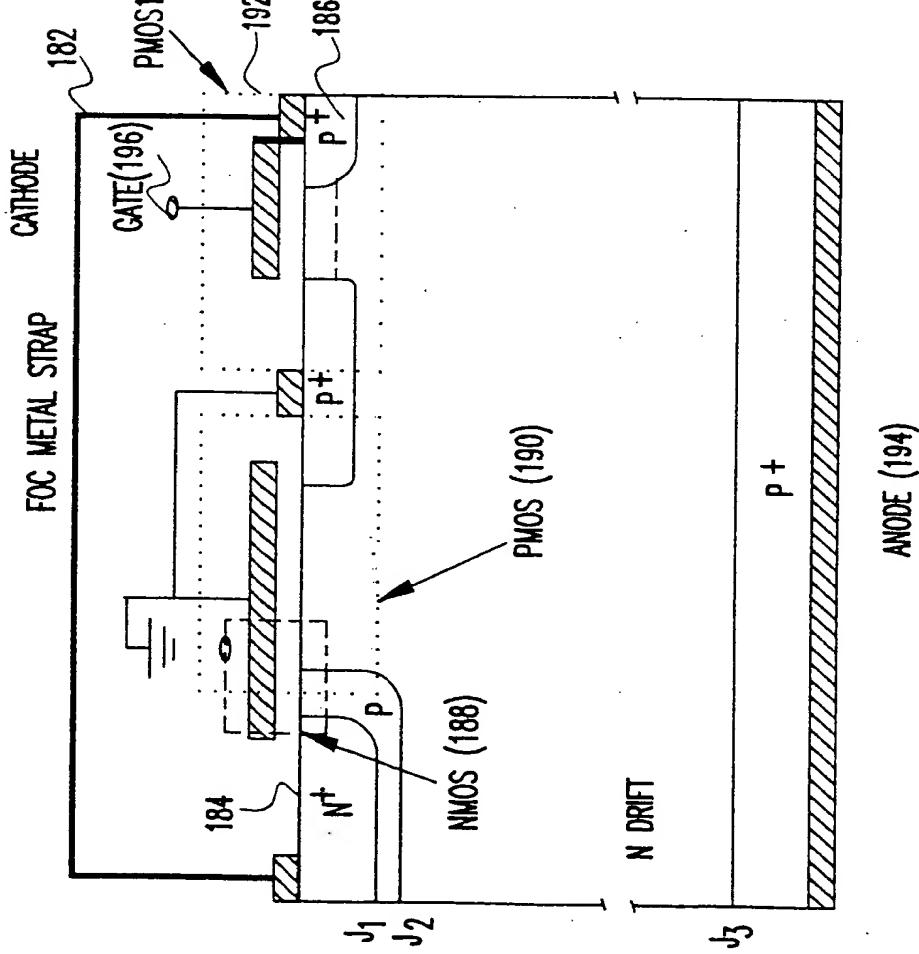


FIG. 8A

10/24

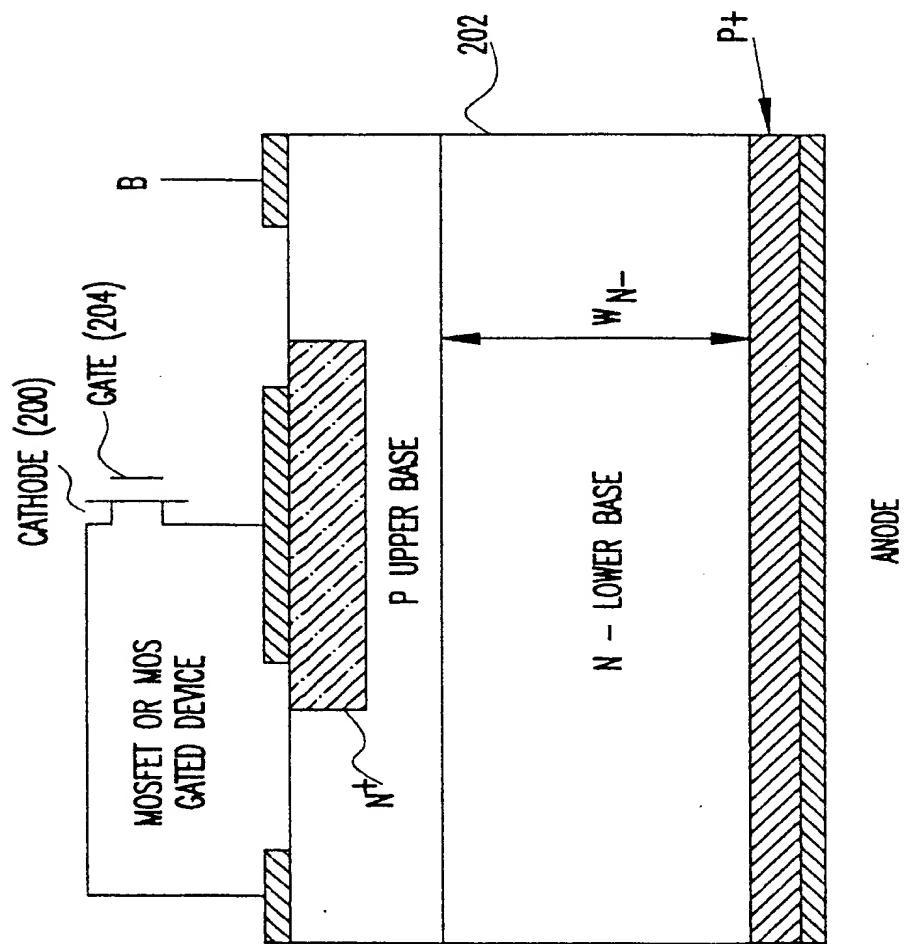
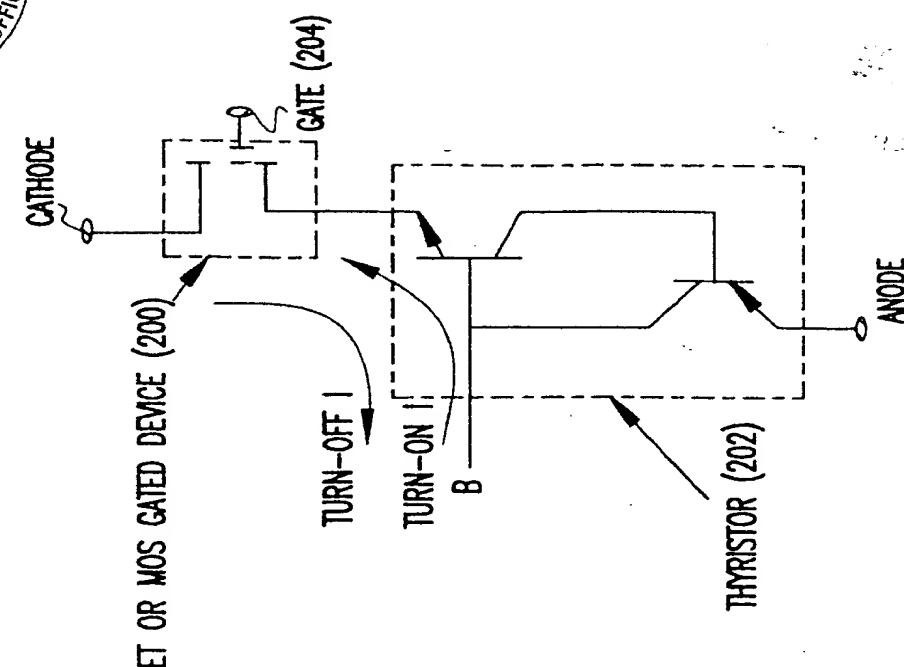


FIG. 9B

FIG. 9A

11/24

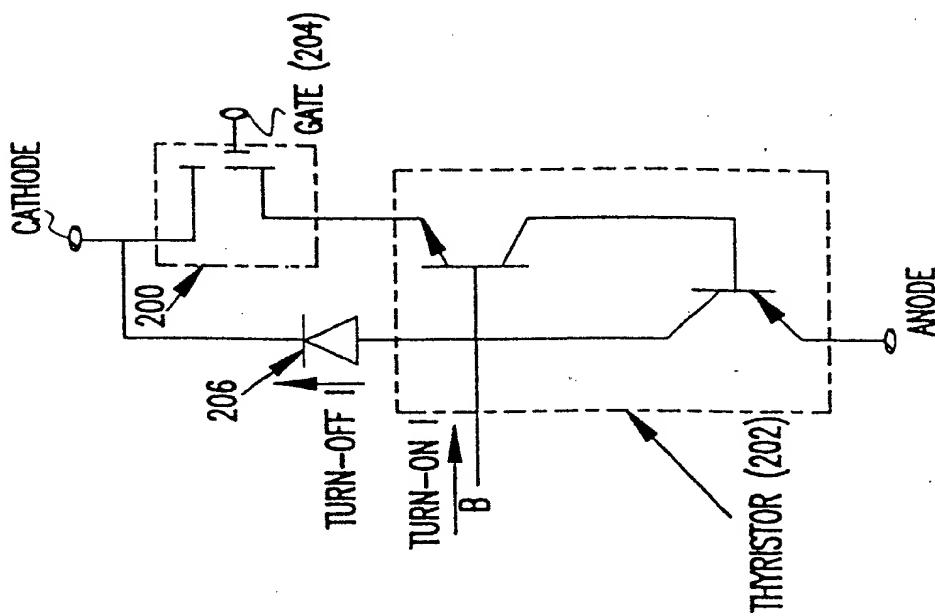
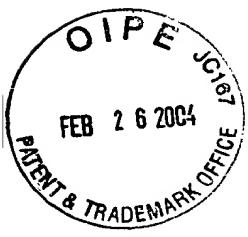


FIG. 10B

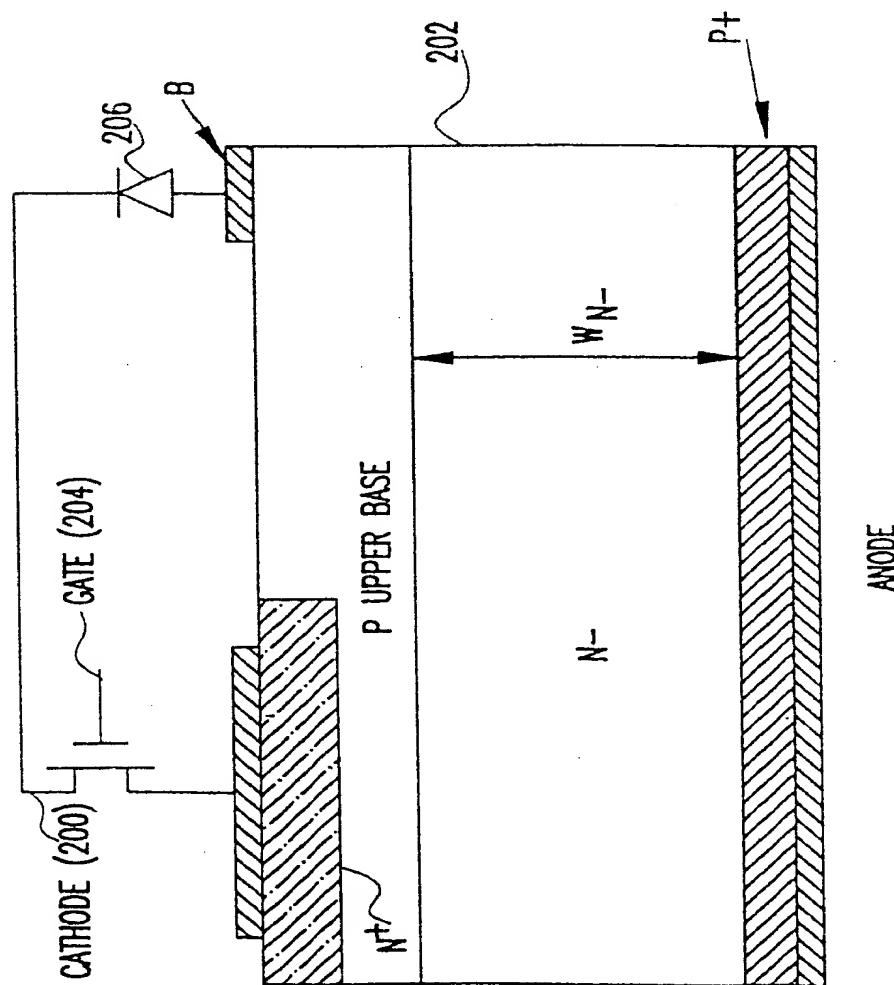


FIG. 10A

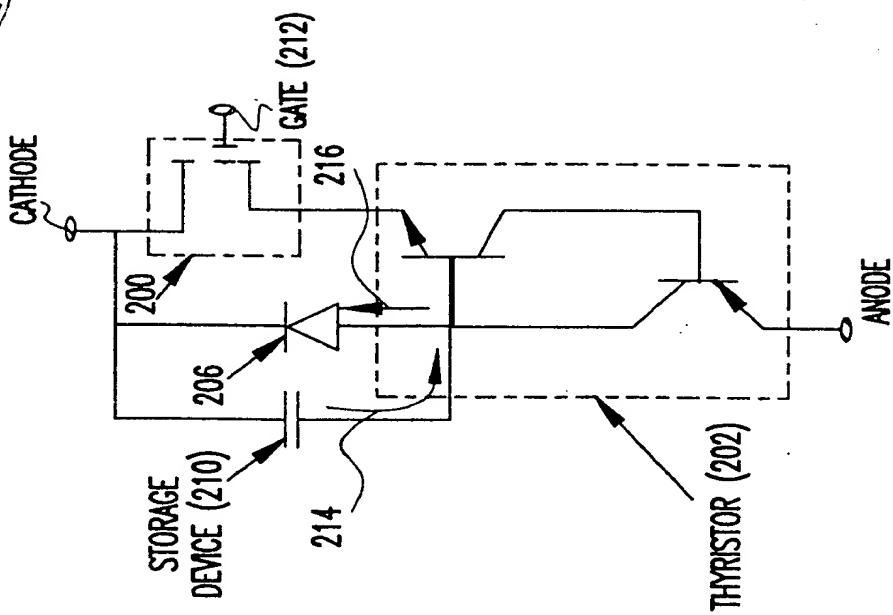


FIG. 11B

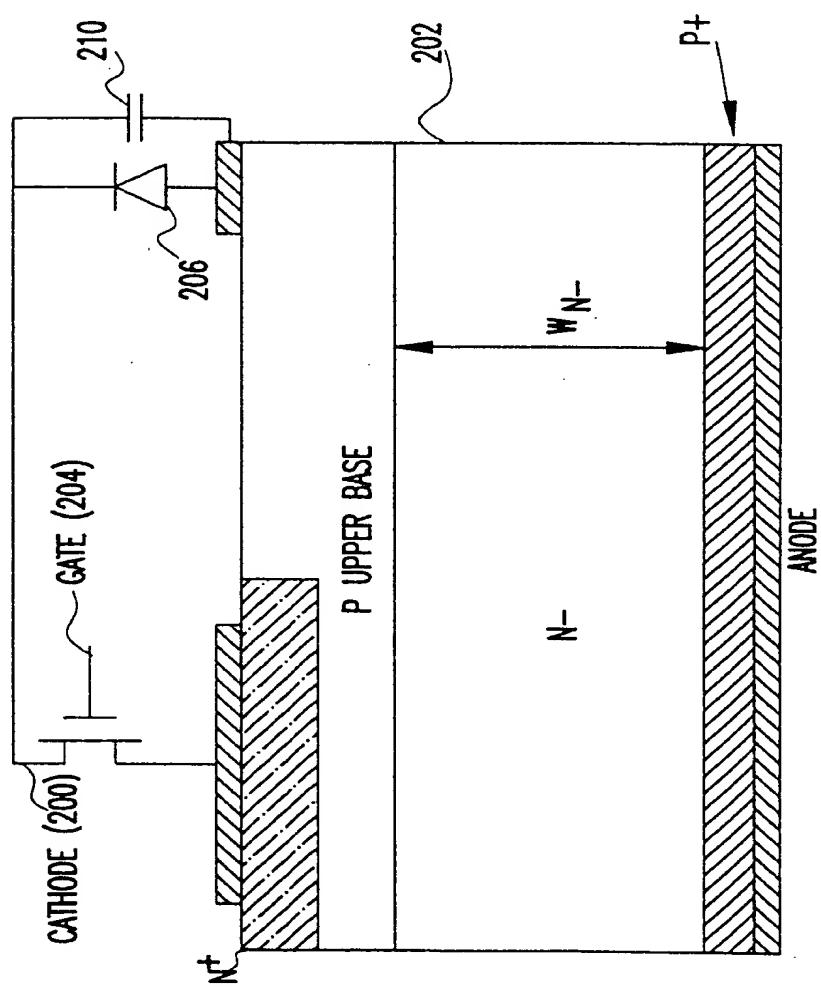


FIG. 11A



Title of the Invention: Emitter Turn-Off Thyristors (ETO)  
Inventor's Name: Huang  
Docket No./Application No.: 09/486,779

13/24

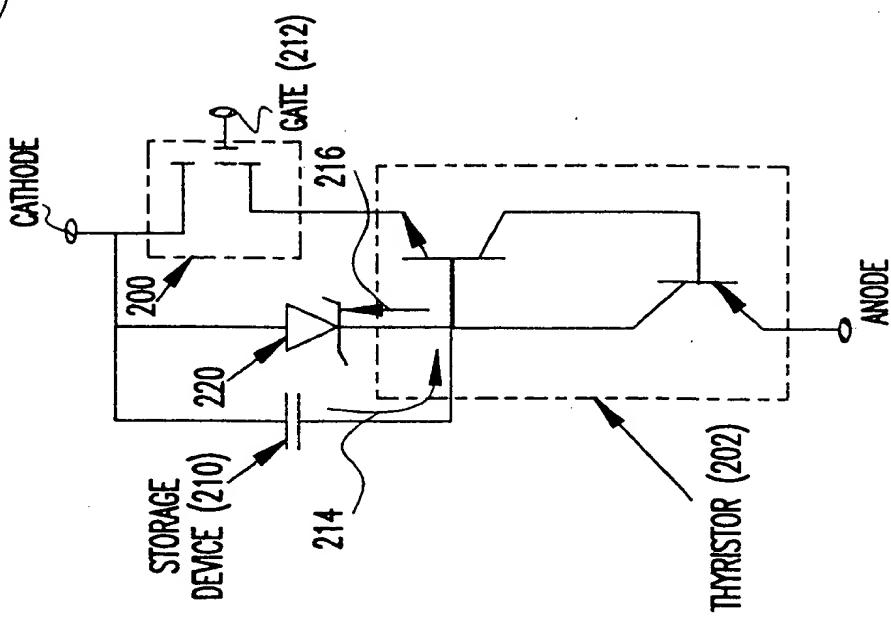


FIG. 12B

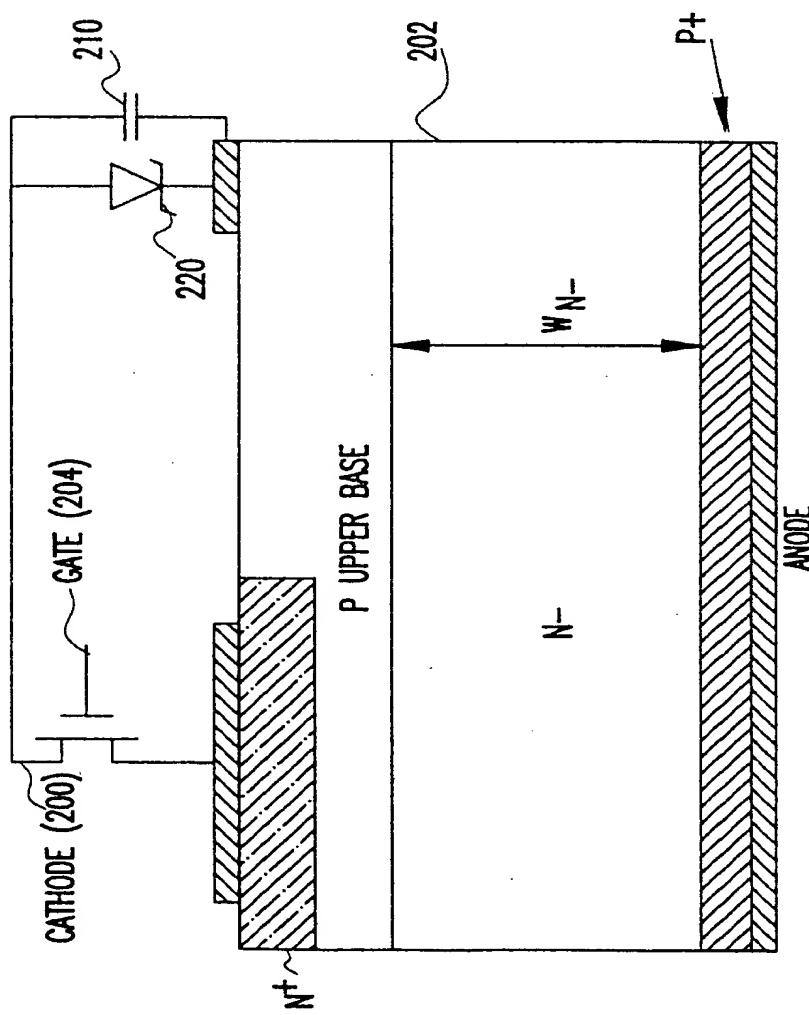


FIG. 12A

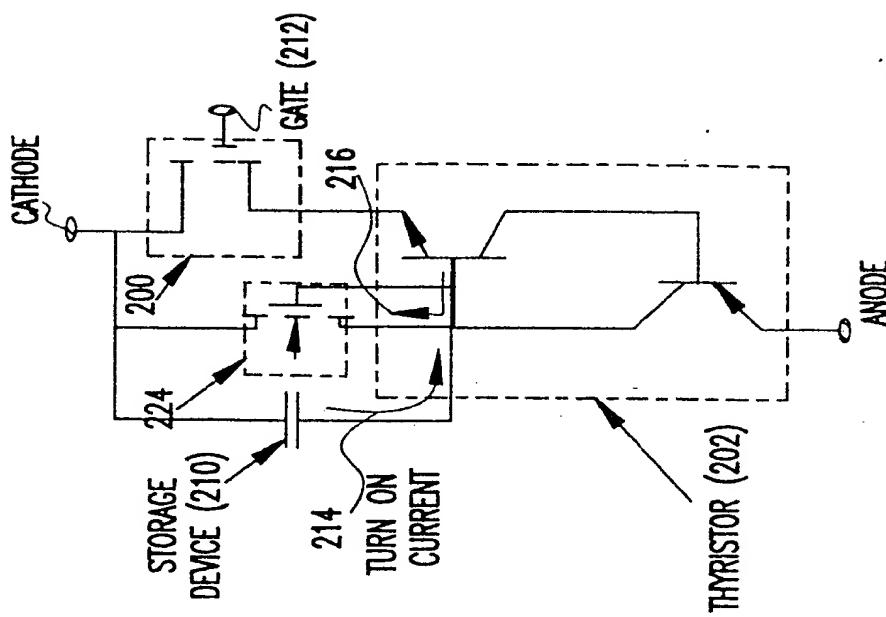


FIG. 13B

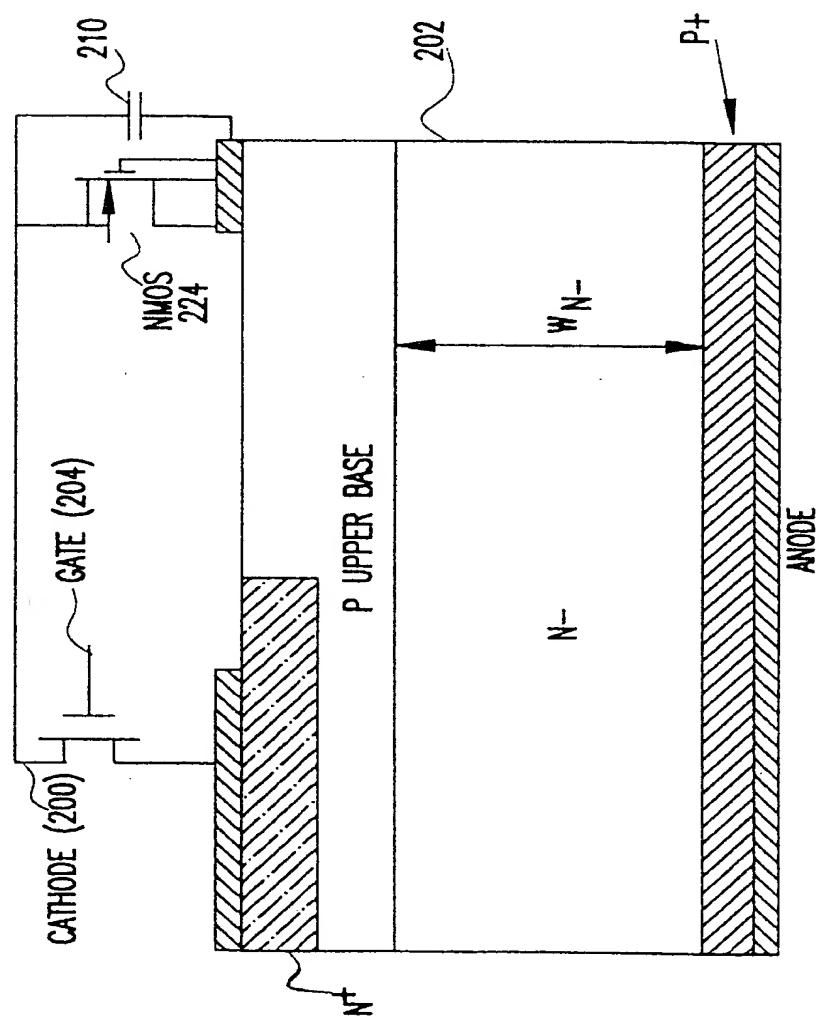


FIG. 13A

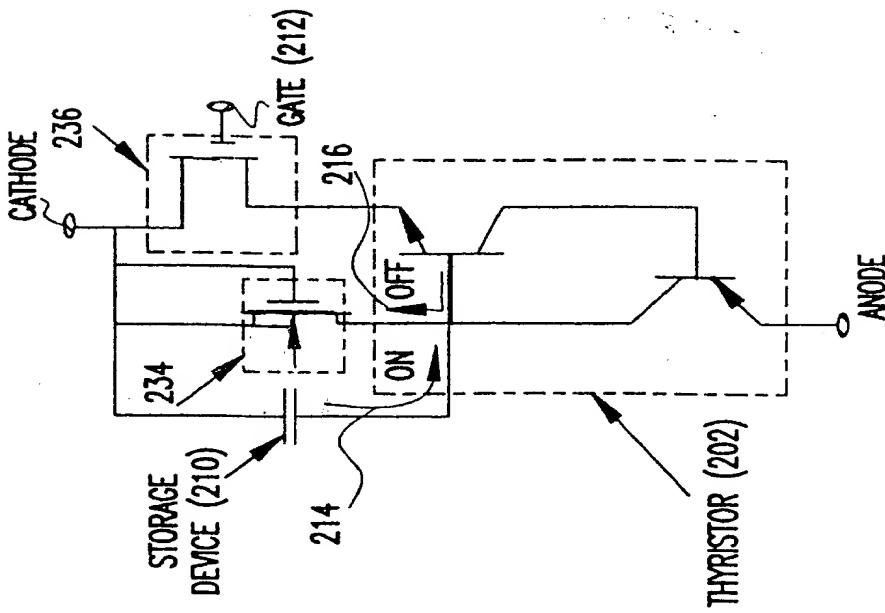


FIG. 14B

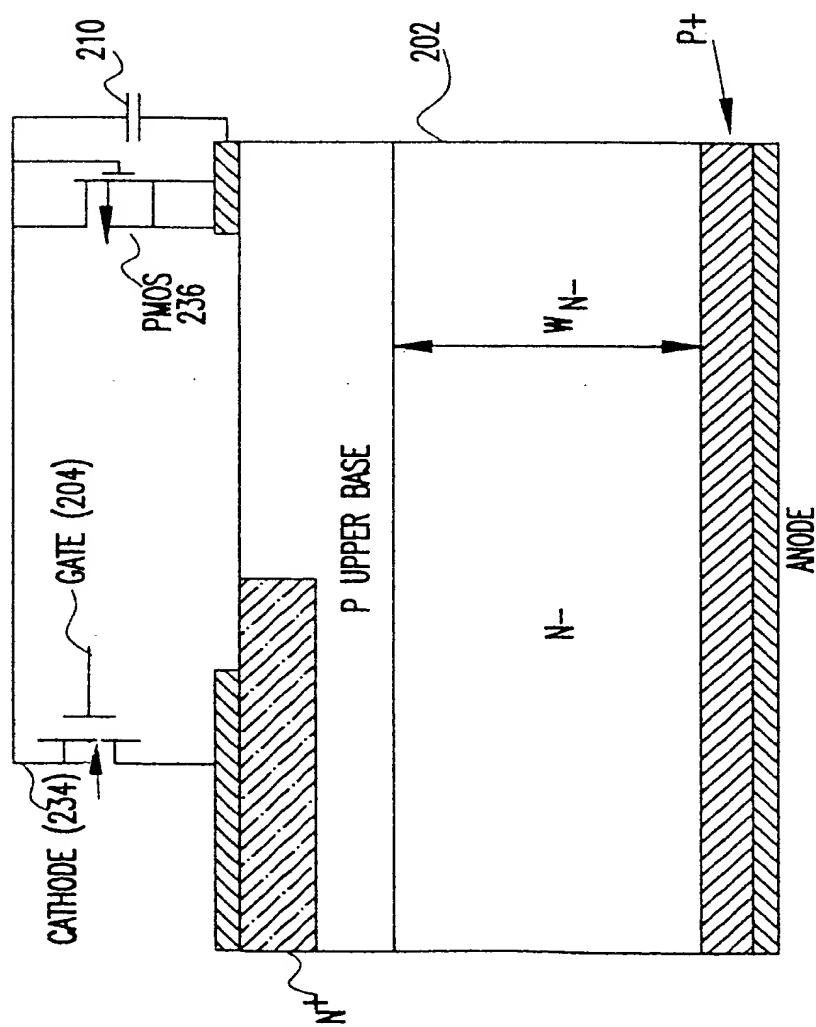


FIG. 14A



Title of the Invention: Emitter Turn-Off Thyristors (ETO)  
 Inventor's Name: Huang  
 Docket No./Application No.: 09/486,779

16/24

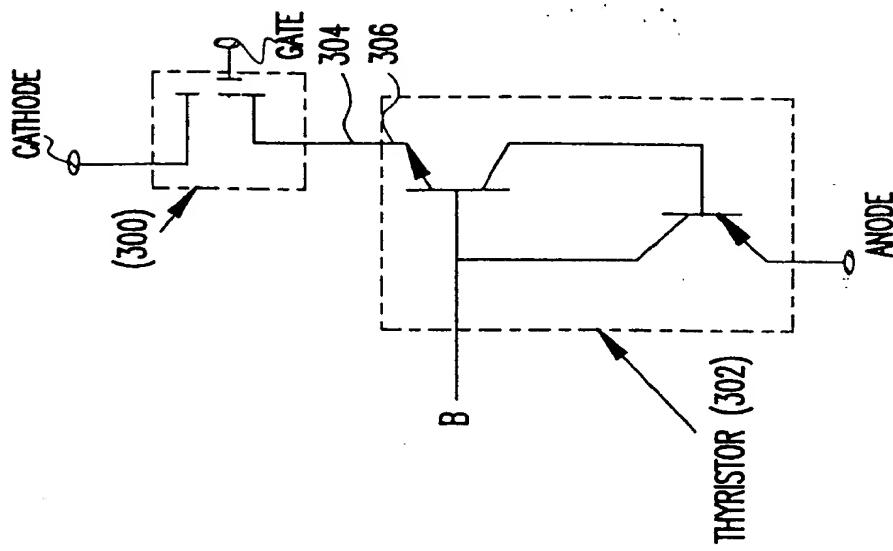


FIG. 15B

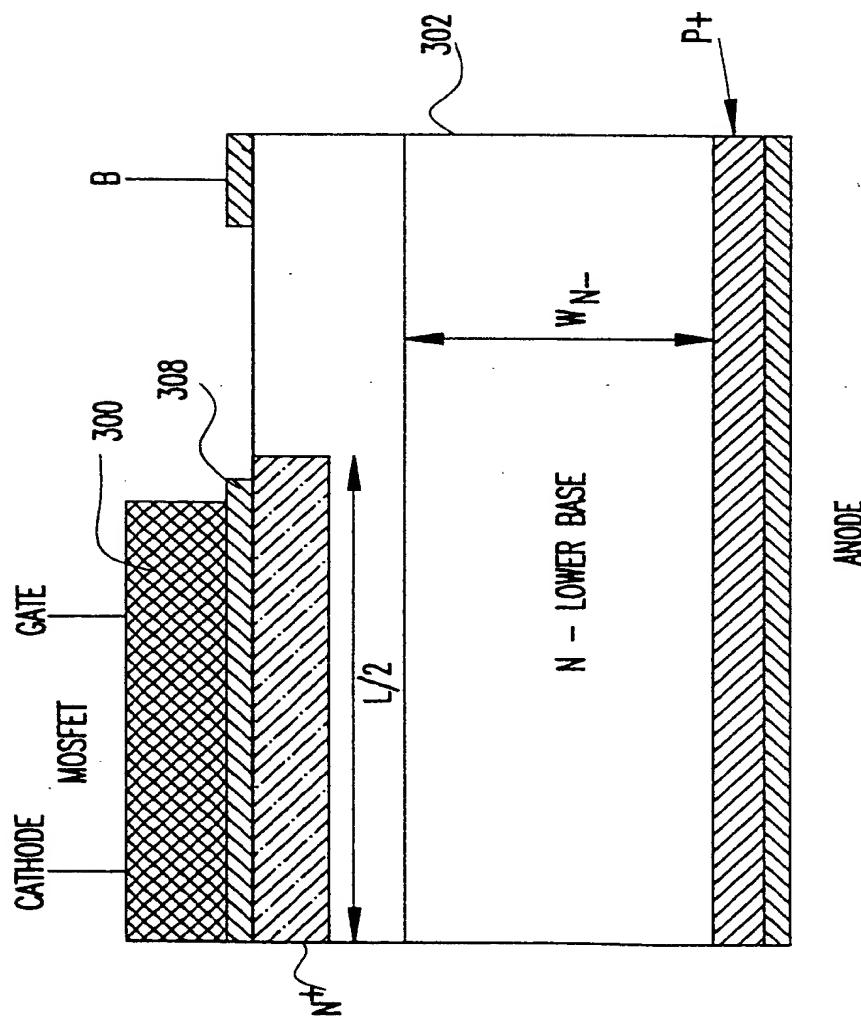


FIG. 15A



Title of the Invention: Emitter Turn-Off Thyristors  
(ETO)  
Inventor's Name: Huang  
Docket No./Application No.: 09/486,779

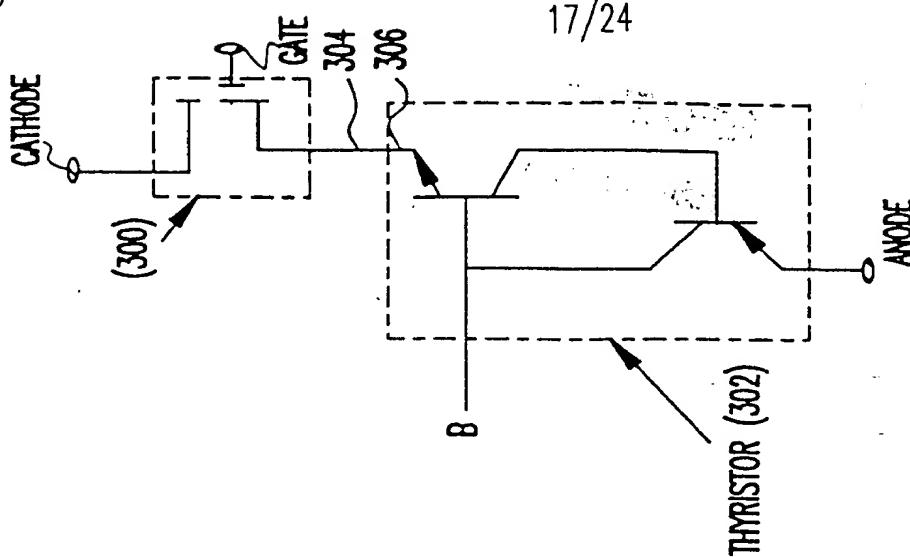


FIG. 16B

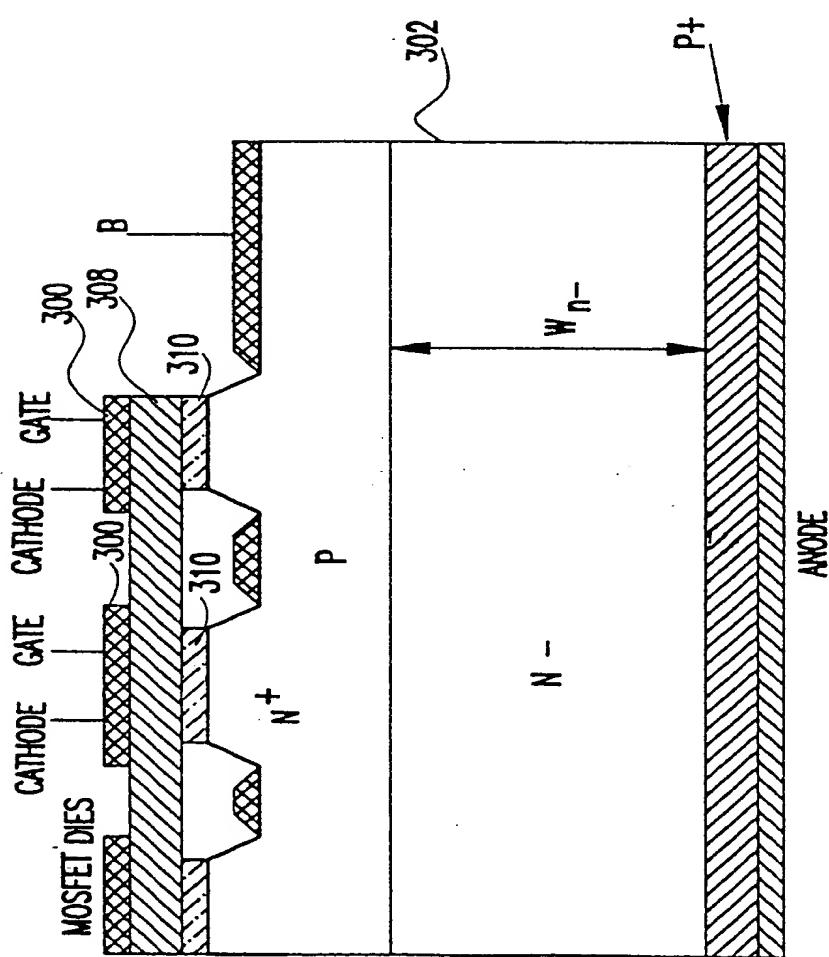


FIG. 16A

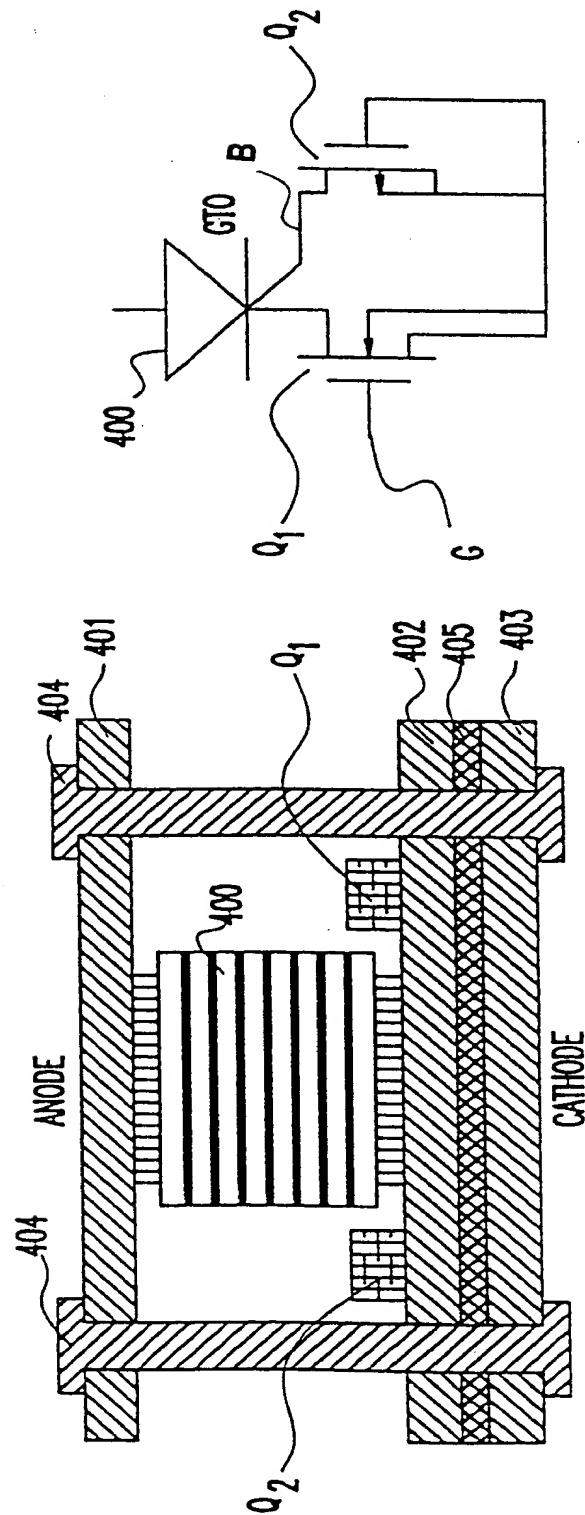


FIG.17B

FIG.17A



19/24

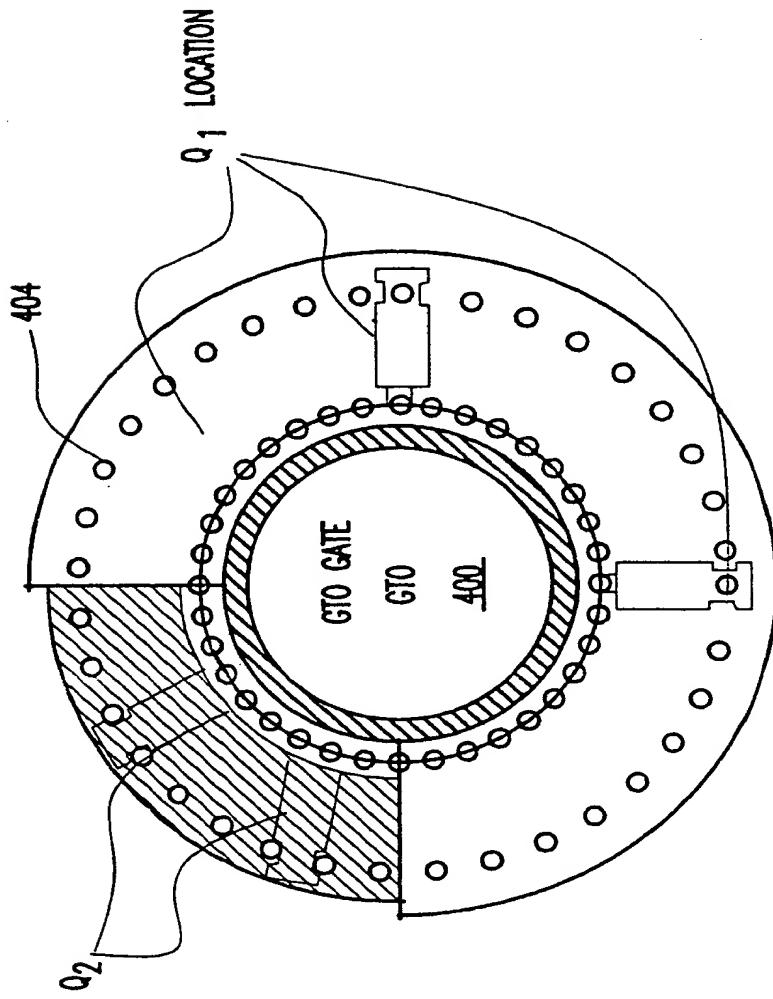


FIG. 17C

Title of the Invention: Emitter Turn-Off Thyristors  
(ETO)  
Inventor's Name: Huang  
Docket No./Application No.: 09/486,779

20/24

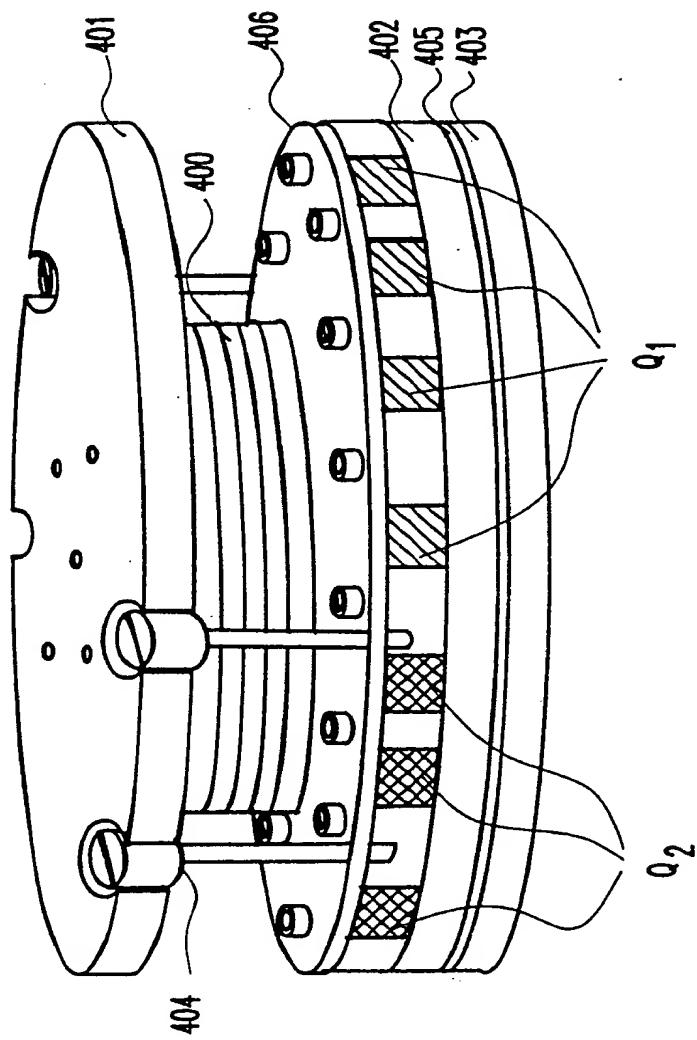
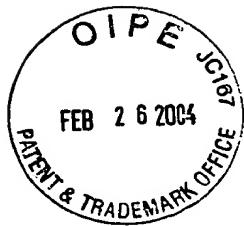


FIG. 17D

Title of the Invention: Emitter Turn-Off Thyristors  
(ETO)  
Inventor's Name: Huang  
Docket No./Application No.: 09/486,779



21/24

### ETO1040S Turn-On

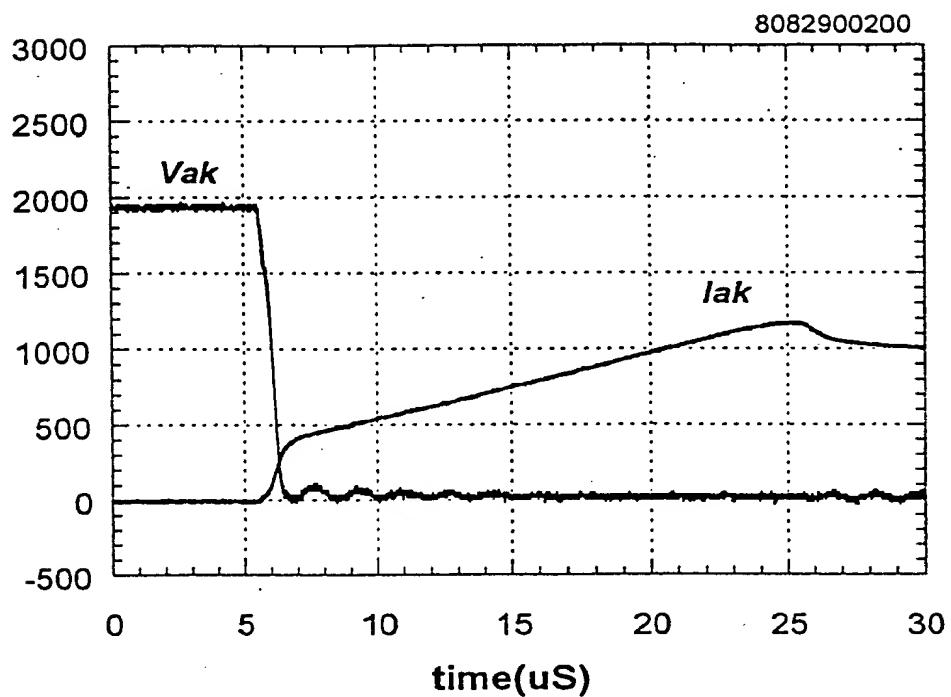


FIG.17E



Title of the Invention: Emitter Turn-Off Thyristors (ETO)  
Inventor's Name: Huang  
Docket No./Application No.: 09/486,779

22/24

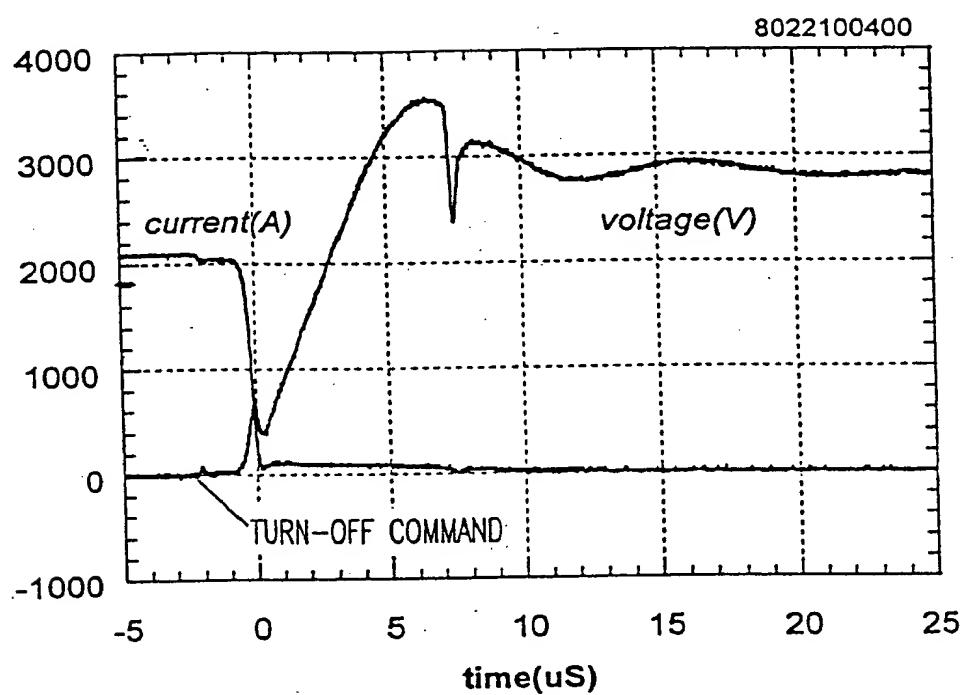


FIG.17F

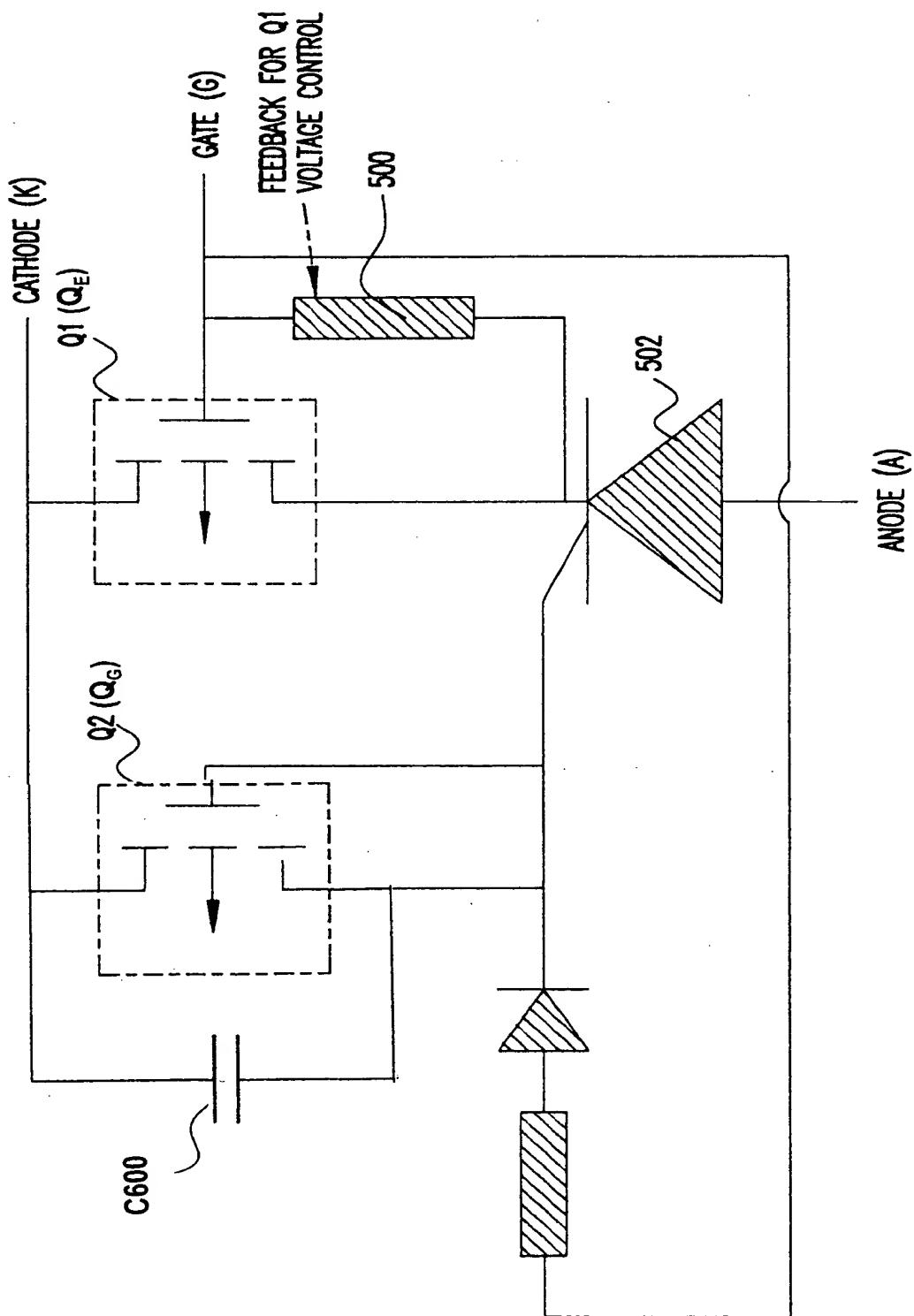


FIG. 18

24/24

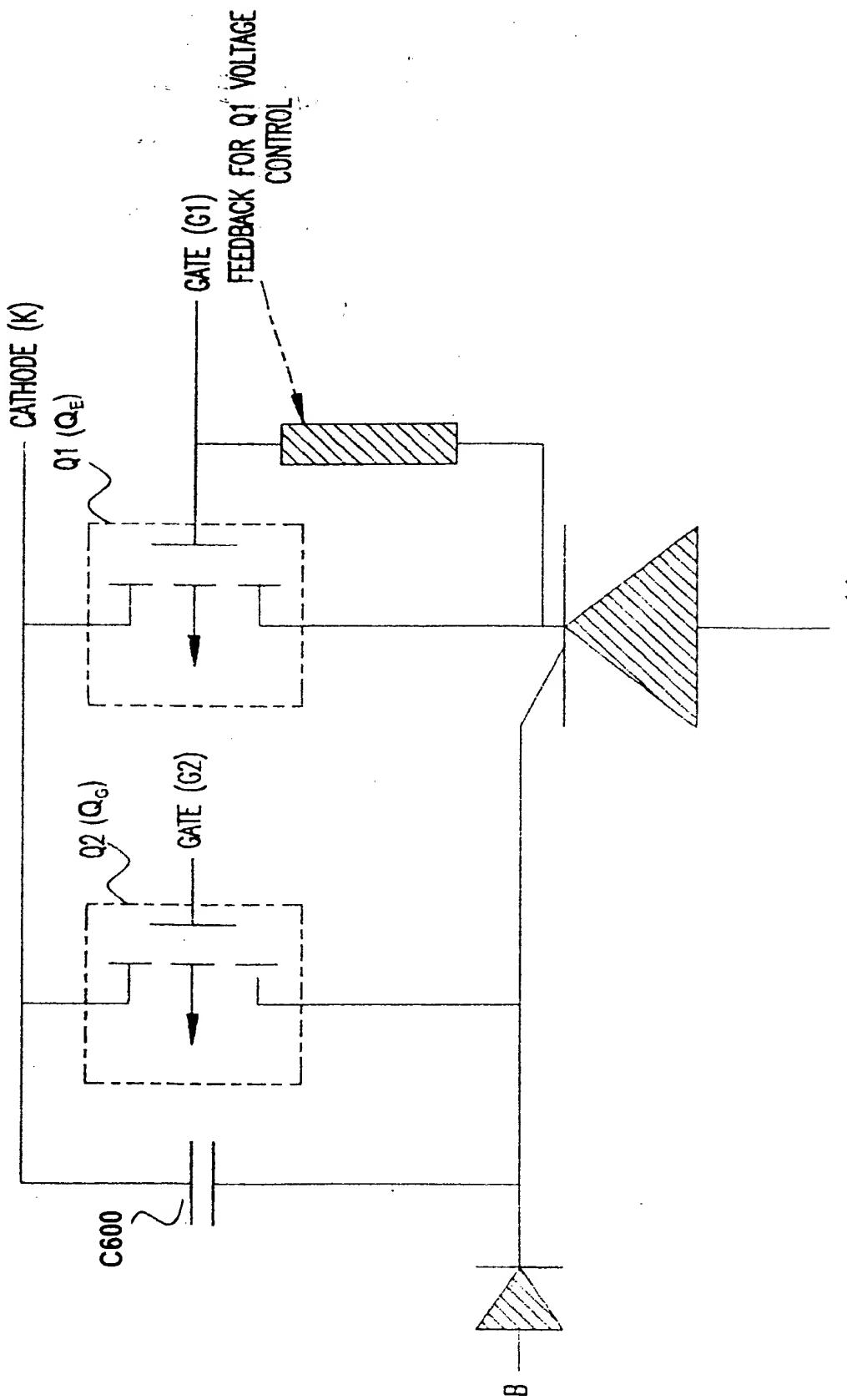


FIG. 19 ANODE (A)